Program EVALPLOT
(Version 2021-1)
by
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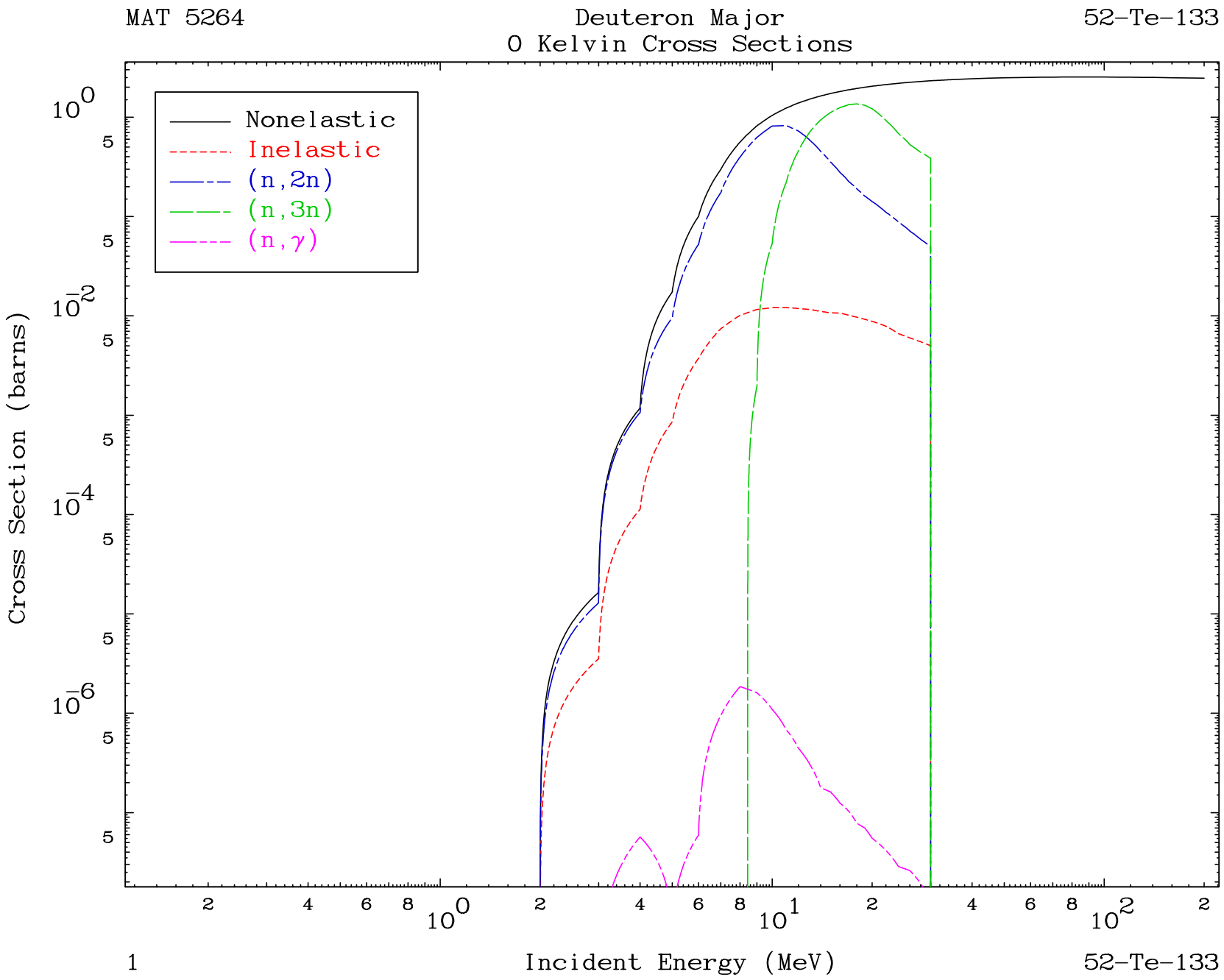
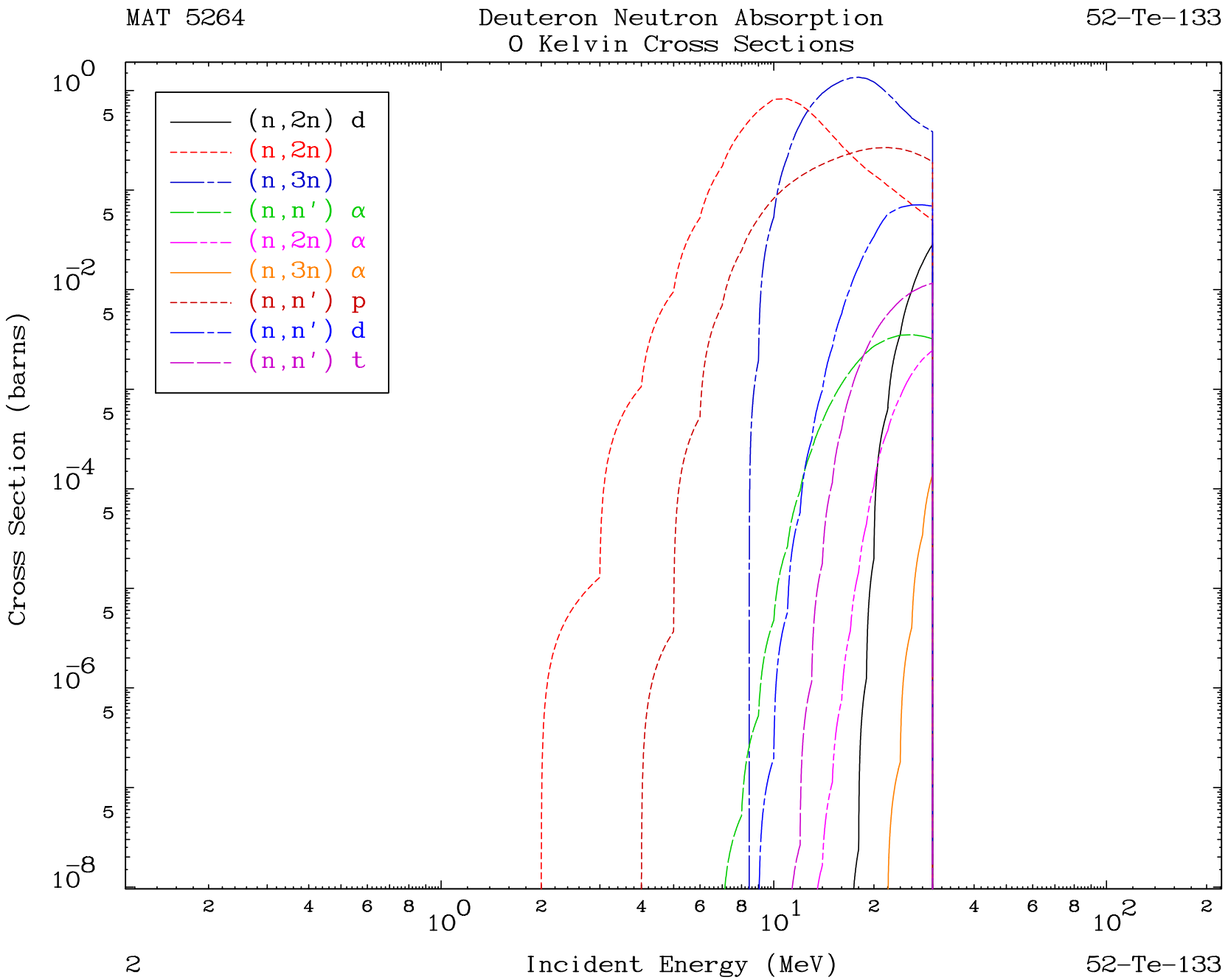
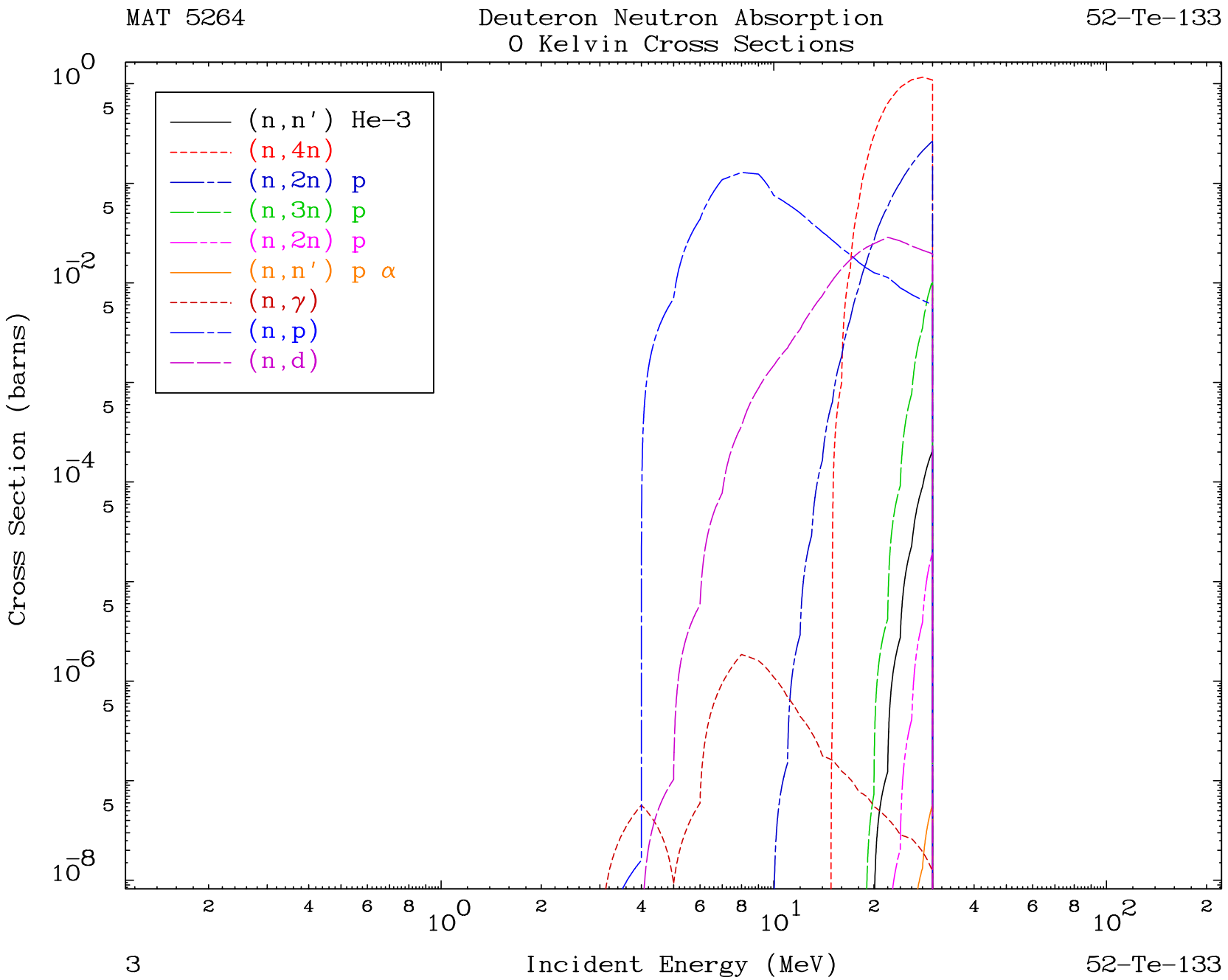
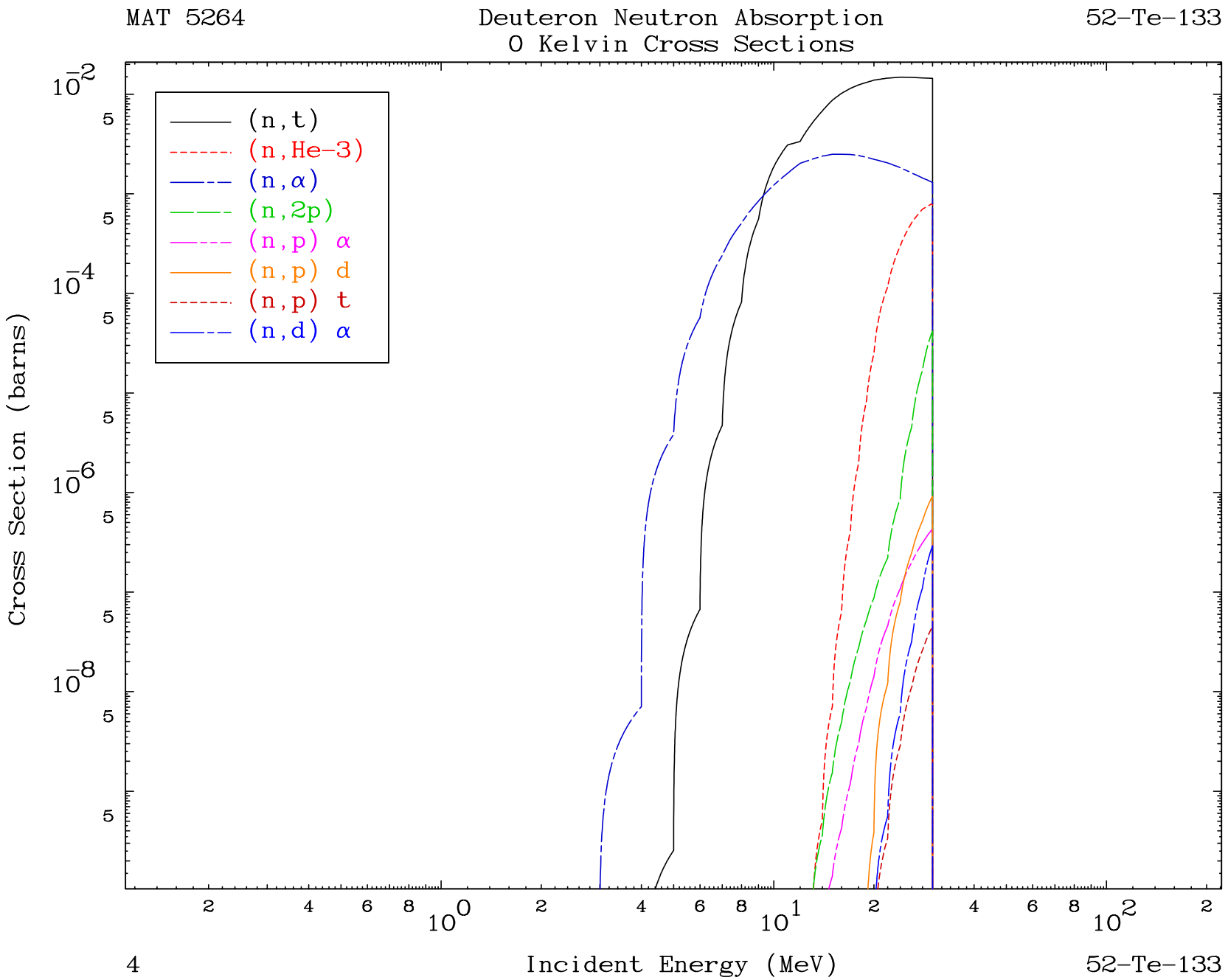
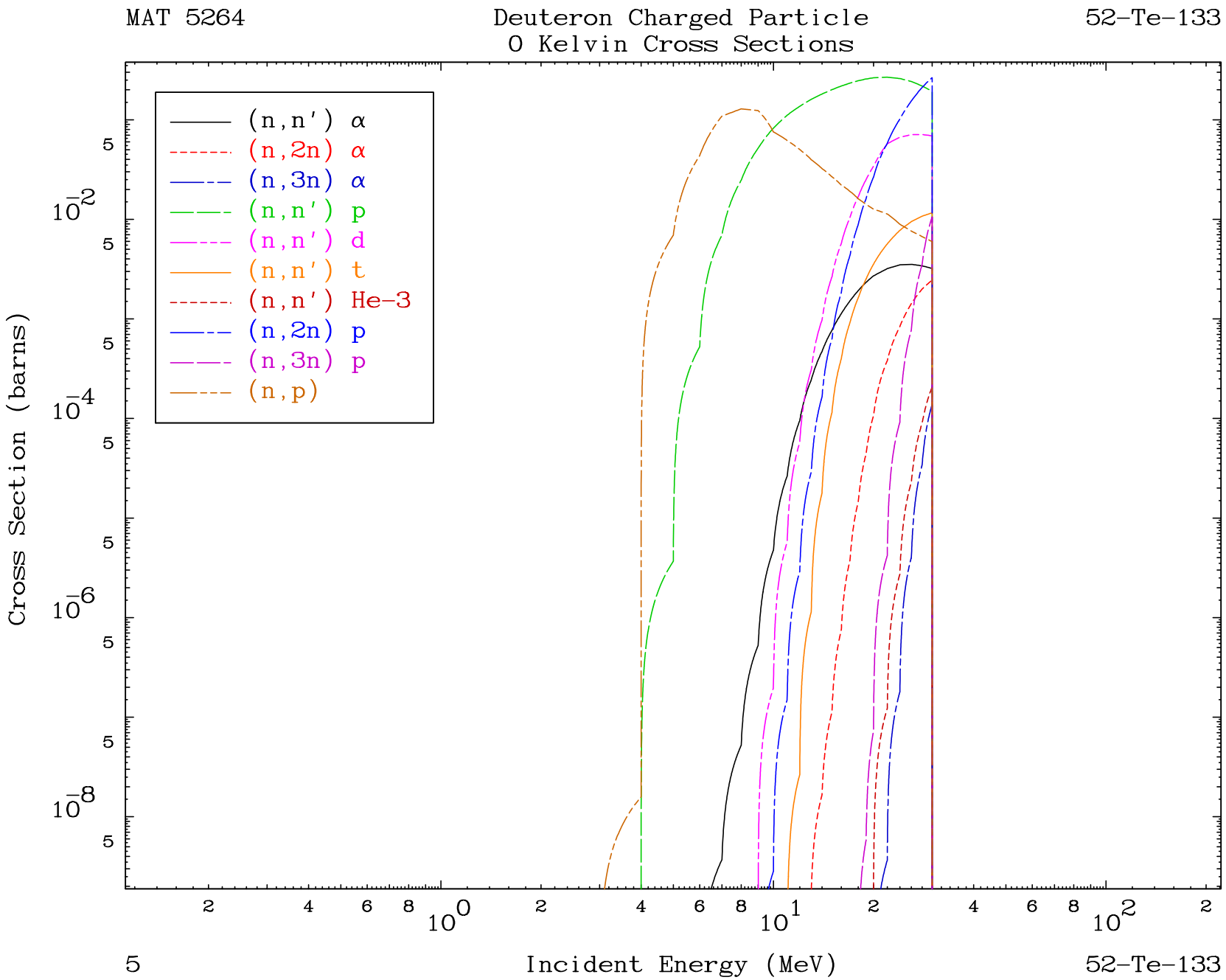
Press Mouse Button to Start

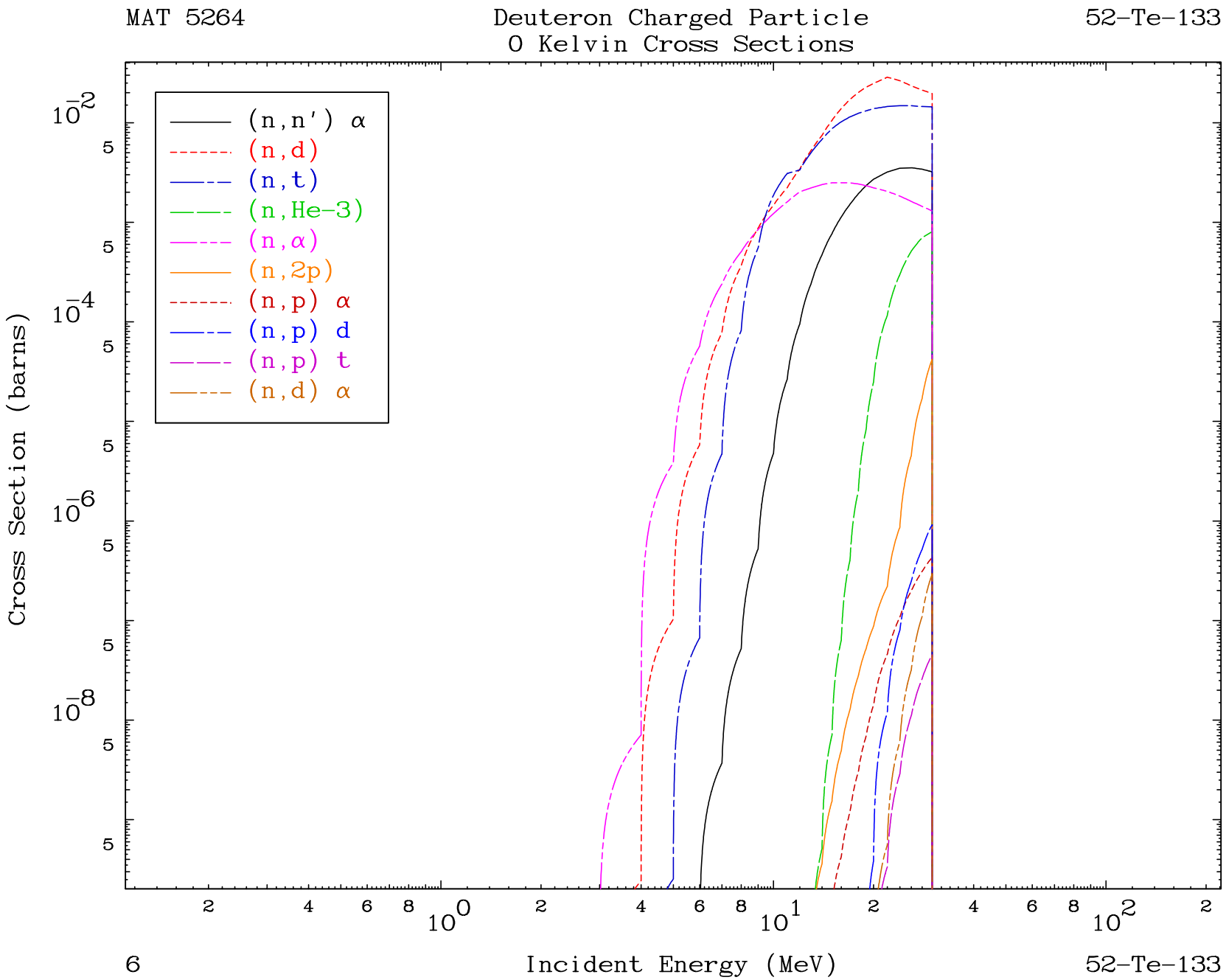

MAT 5264
Deuteron Major
52-Te-133
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
52-Te-133
1

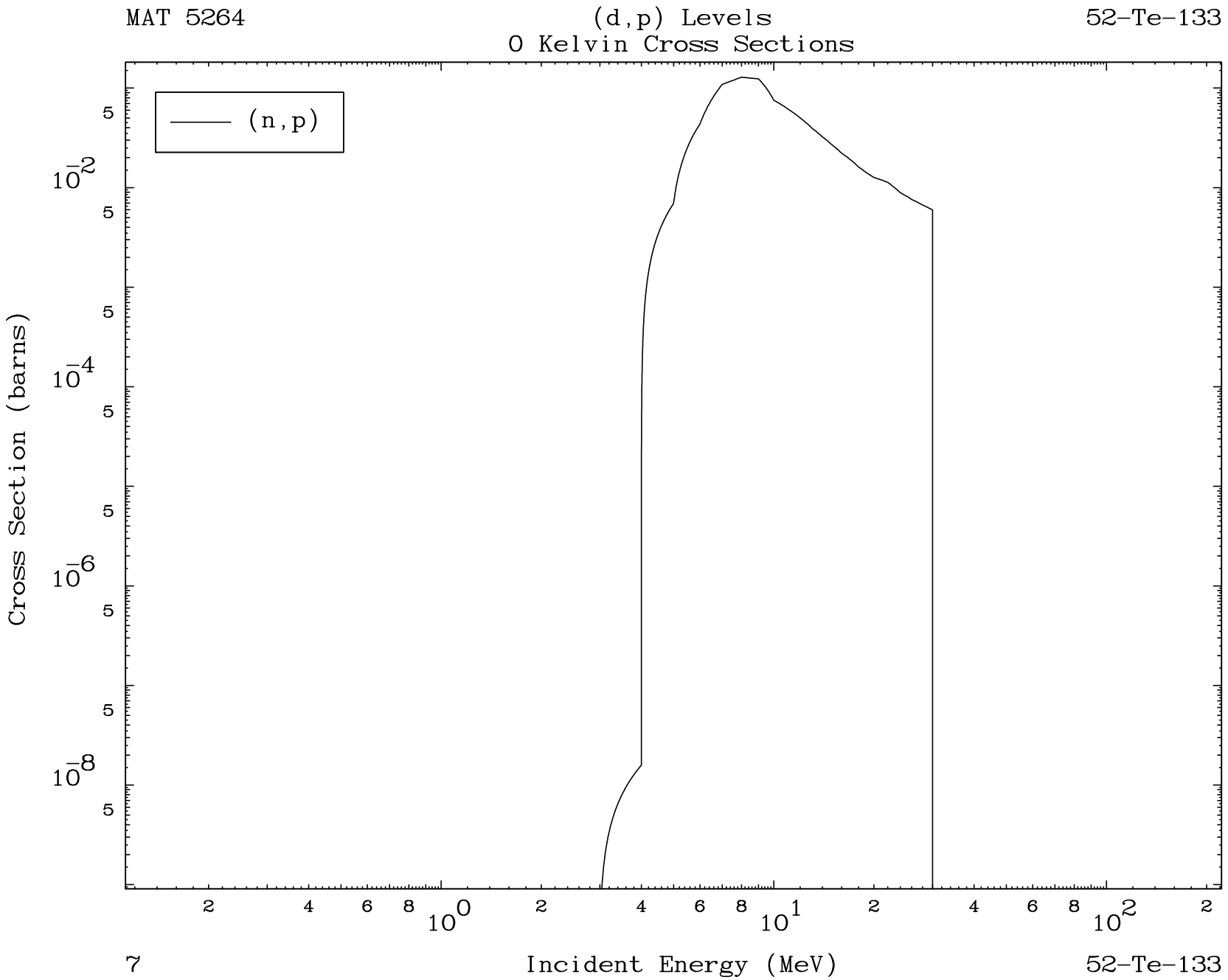

MAT 5264
Deuteron Neutron Absorption
0 Kelvin Cross Sections
52-Te-133
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
52-Te-133
2

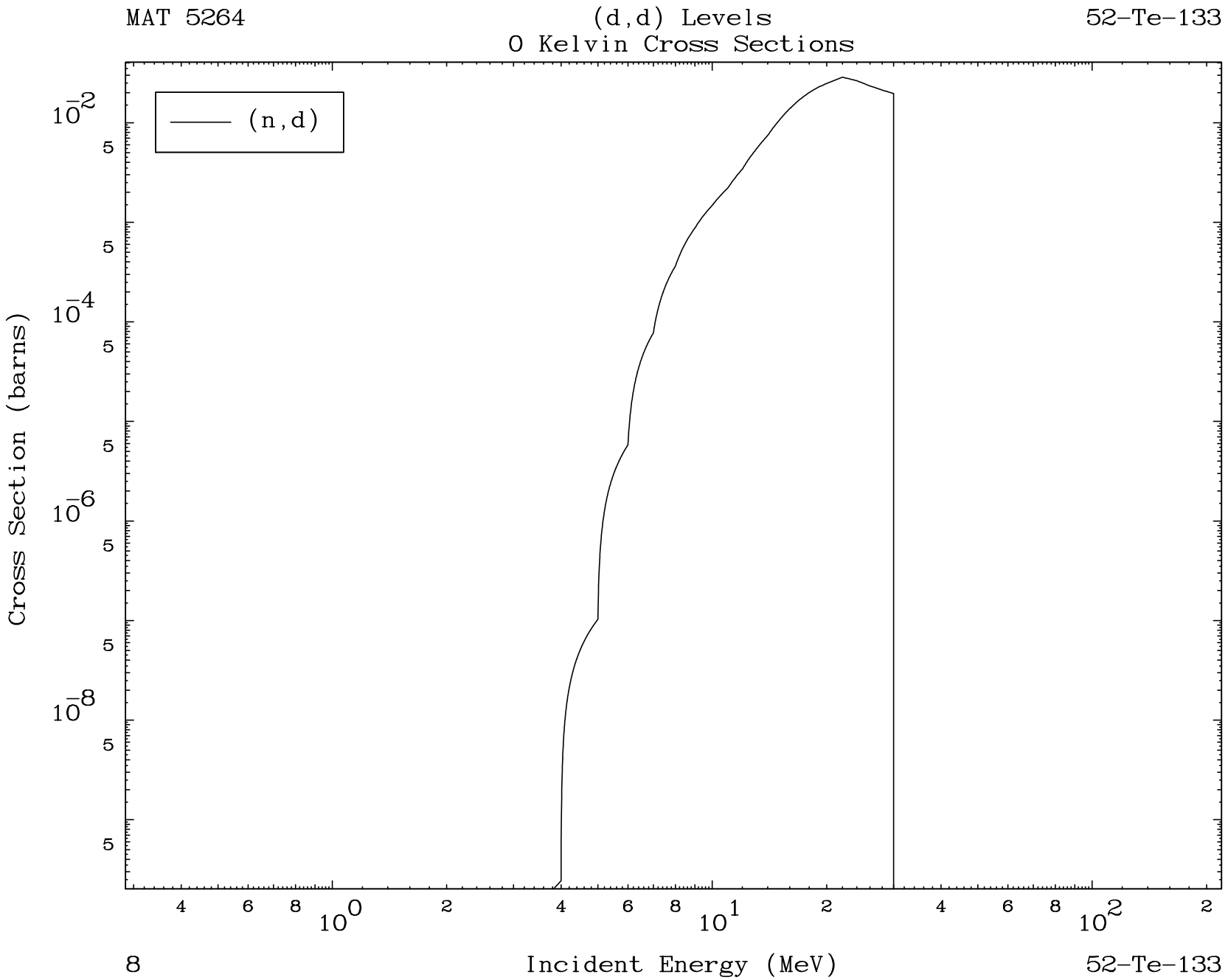

MAT 5264
Deuteron Neutron Absorption
0 Kelvin Cross Sections
52-Te-133
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
52-Te-133


MAT 5264
Deuteron Neutron Absorption
0 Kelvin Cross Sections
52-Te-133
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
52-Te-133

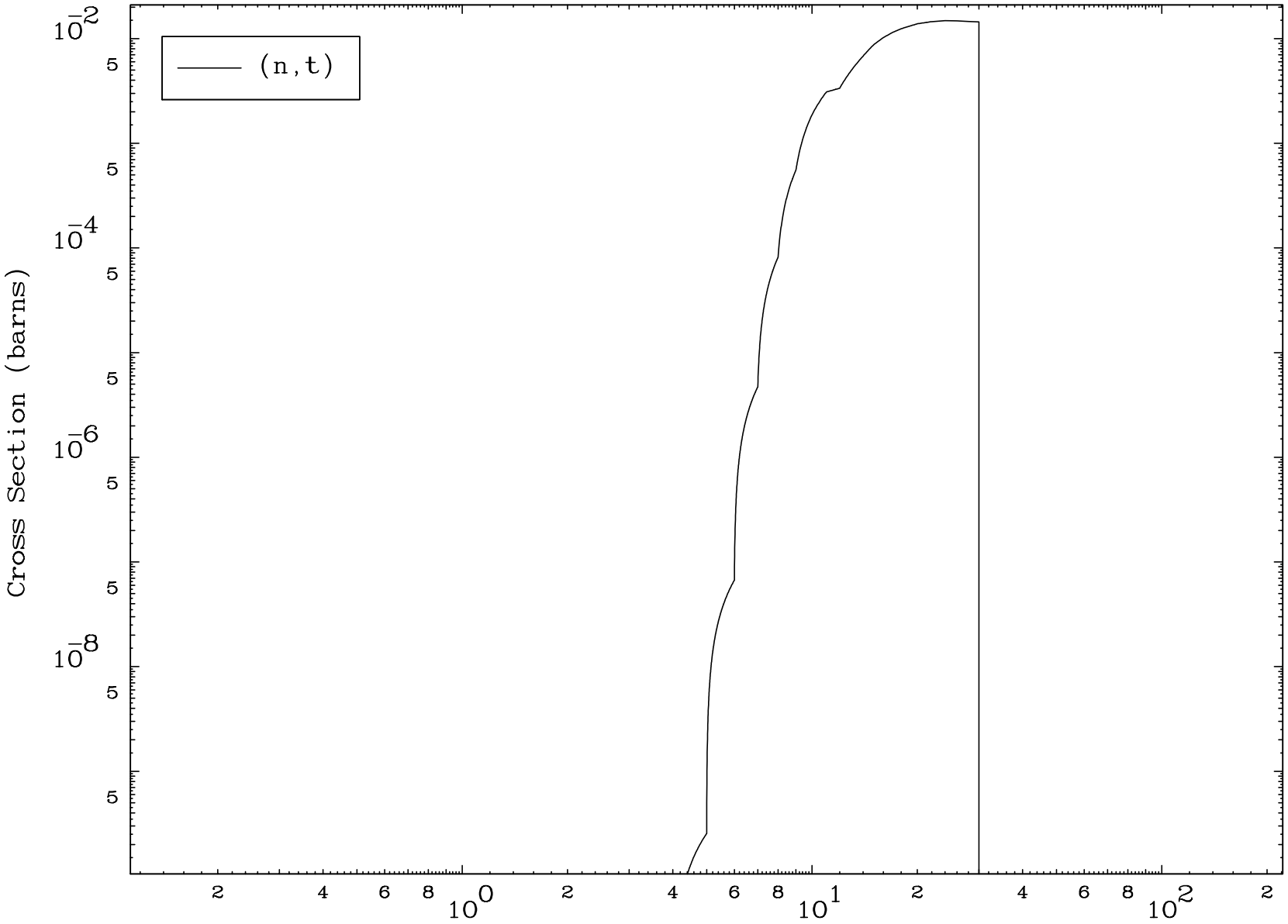

MAT 5264
Deuteron Charged Particle
0 Kelvin Cross Sections
52-Te-133
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
5
52-Te-133

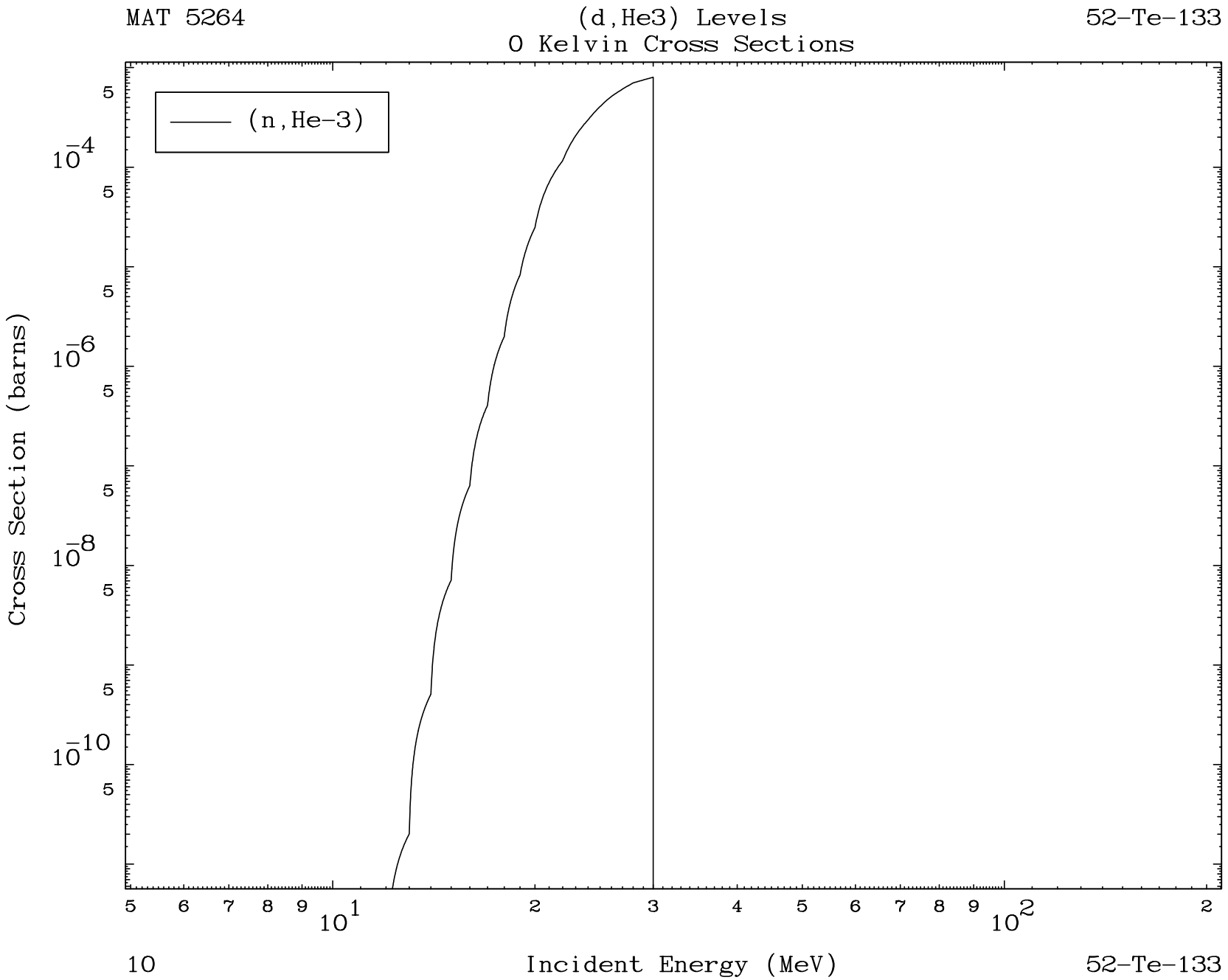

MAT 5264
Deuteron Charged Particle
0 Kelvin Cross Sections
52-Te-133
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
52-Te-133


MAT 5264
(d,p) Levels
52-Te-133
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
100
101
102
2
4
6
8
Incident Energy (MeV)
7
52-Te-133

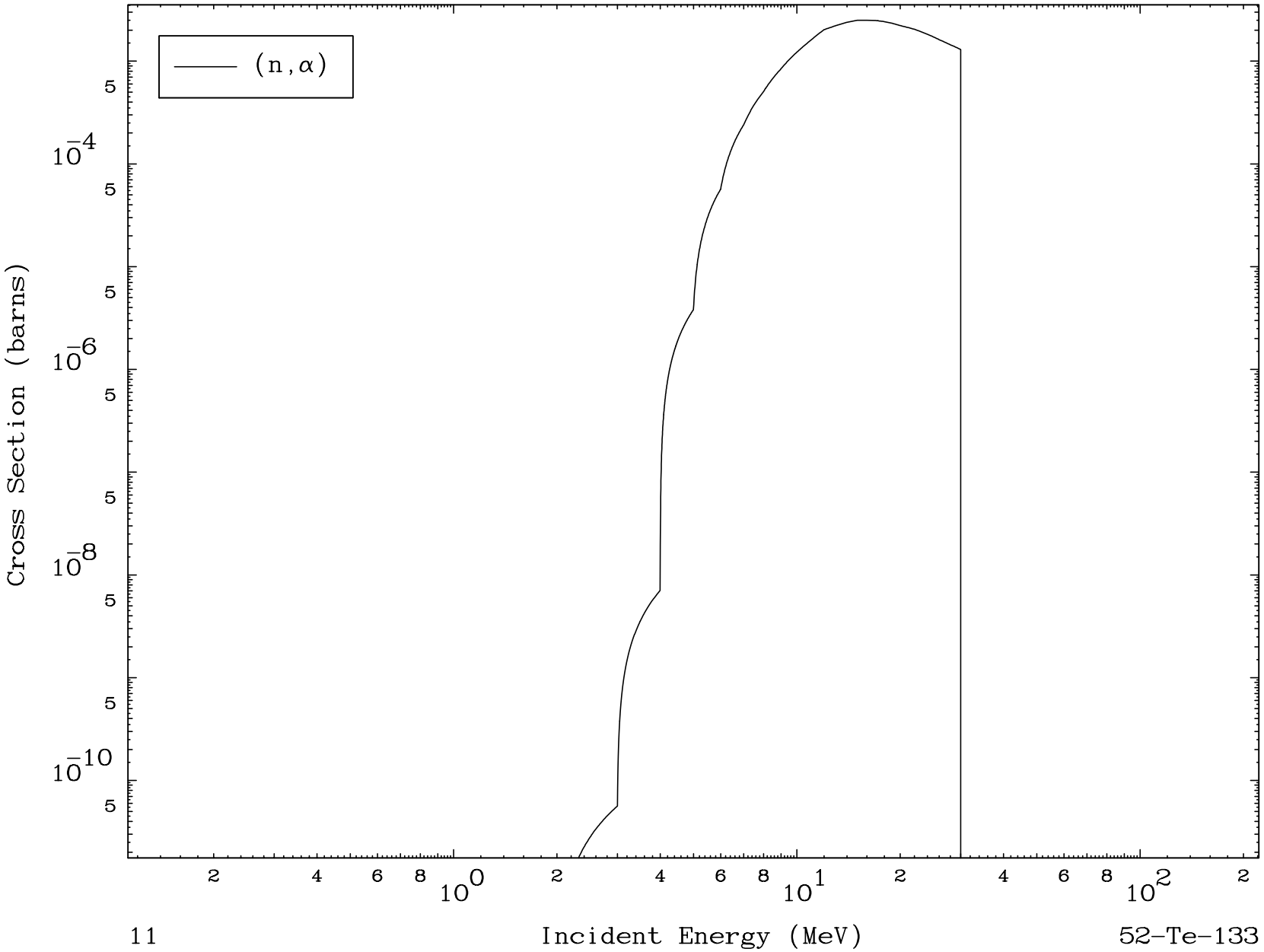

MAT 5264
(d,d) Levels
52-Te-133
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
52-Te-133

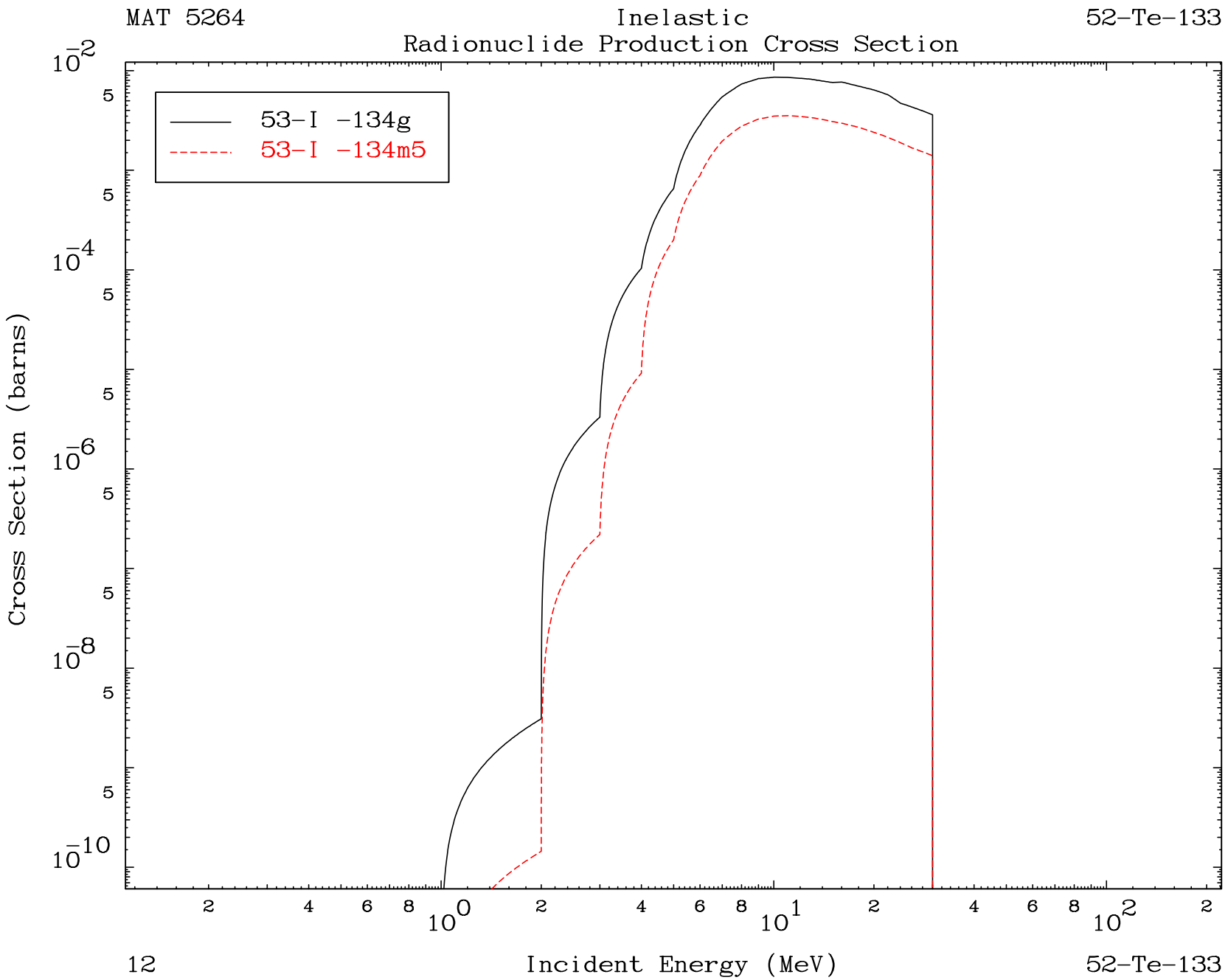
0 Kelvin Cross Sections

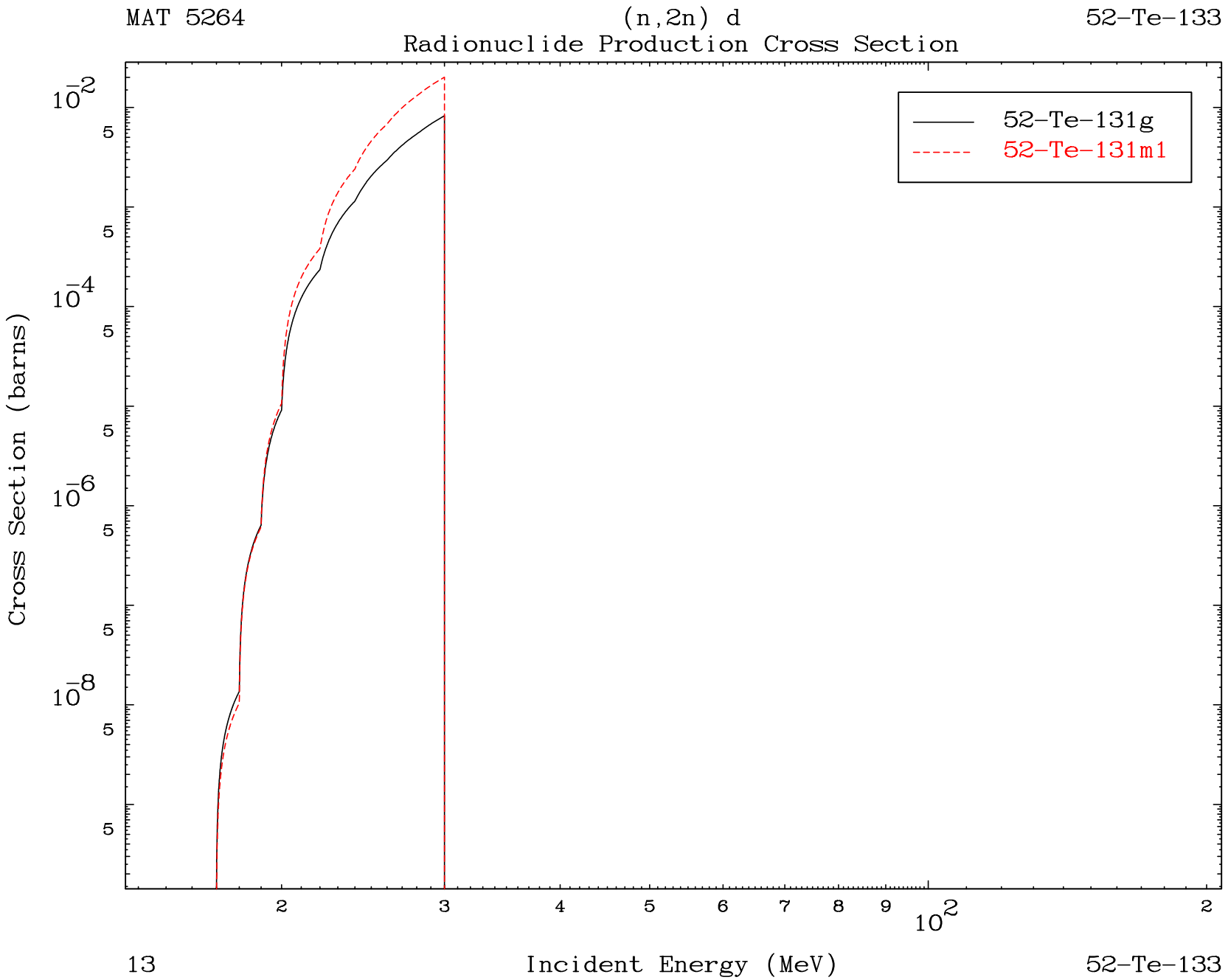


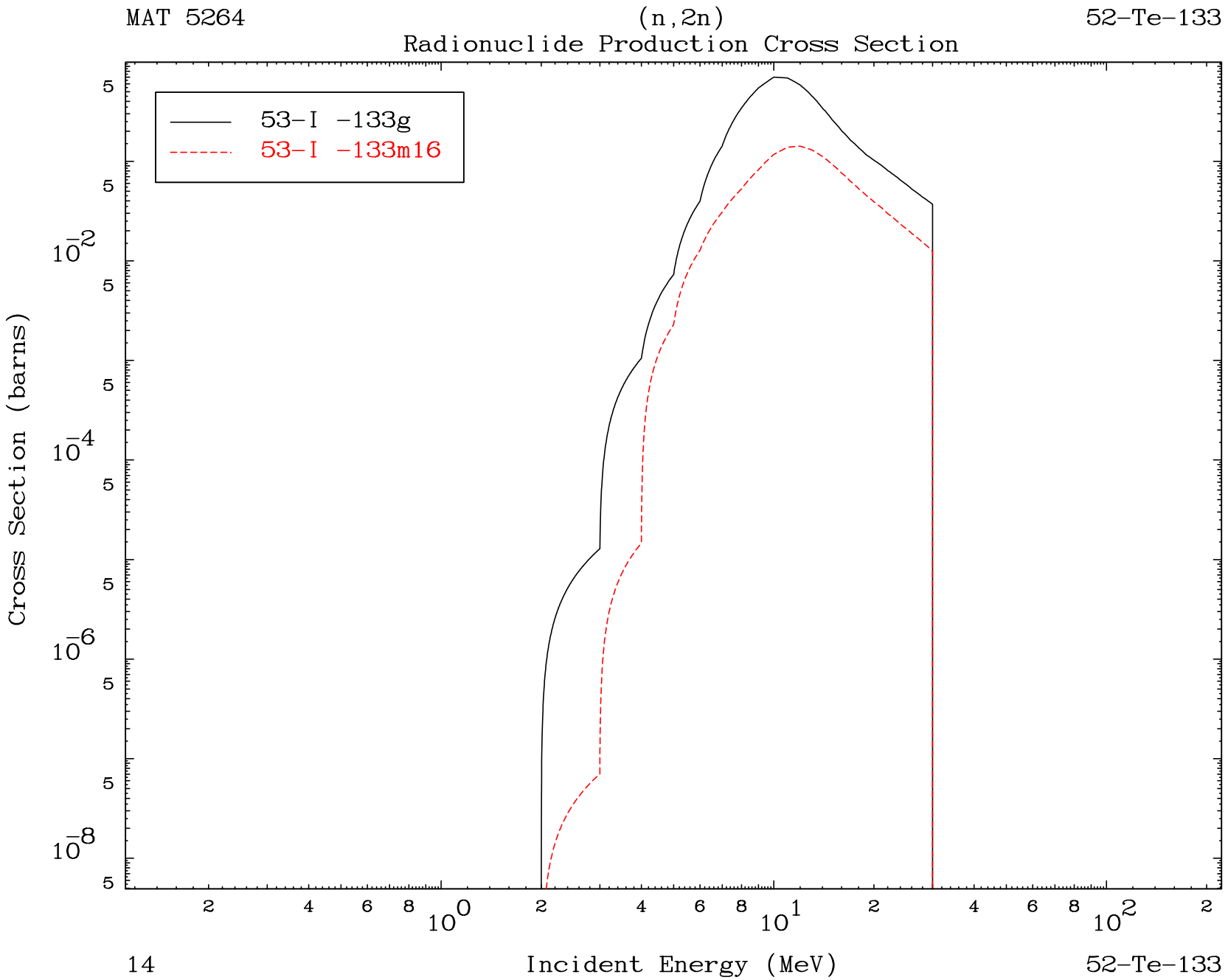

MAT 5264
(d,He3) Levels
52-Te-133
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
52-Te-133

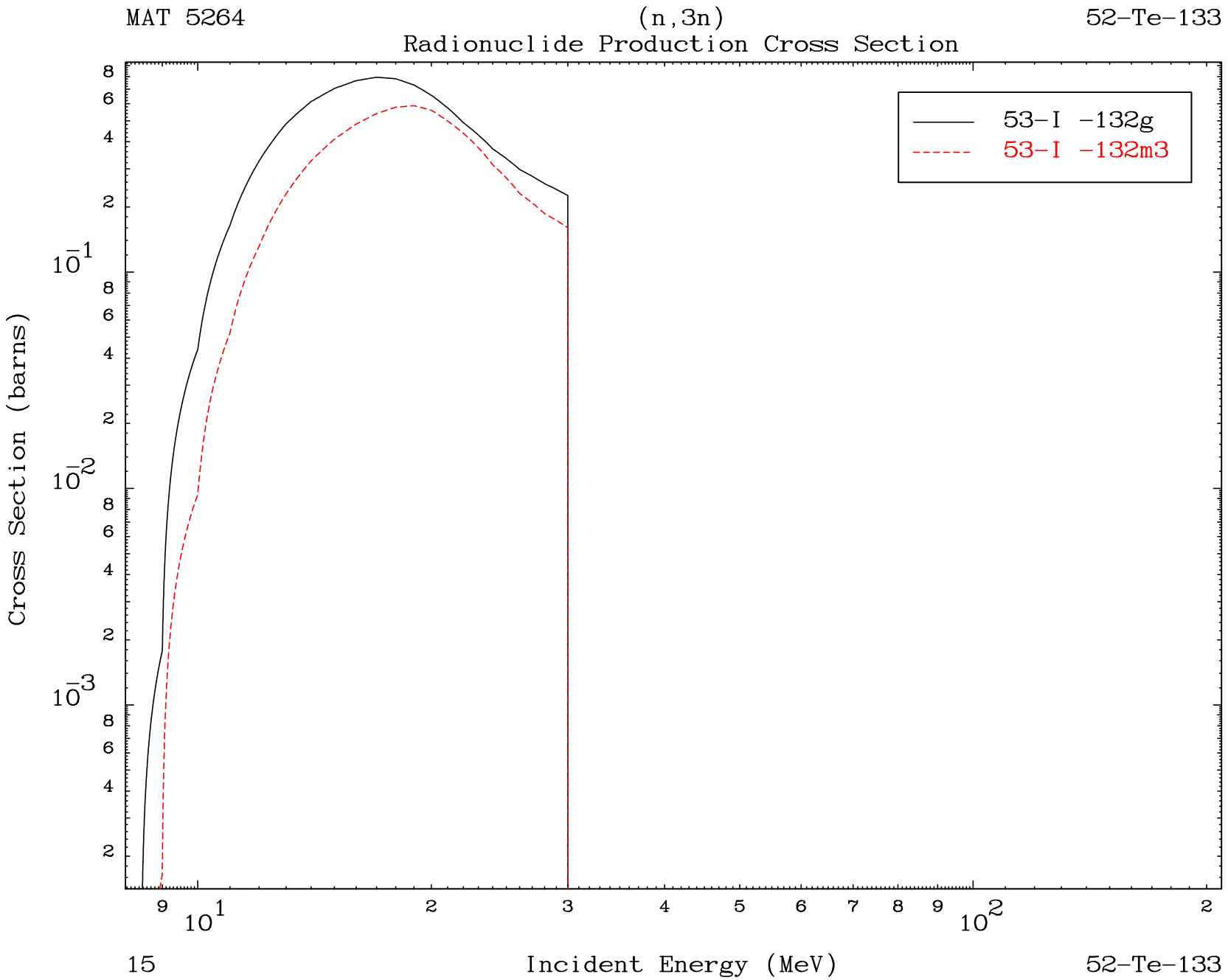
0 Kelvin Cross Sections

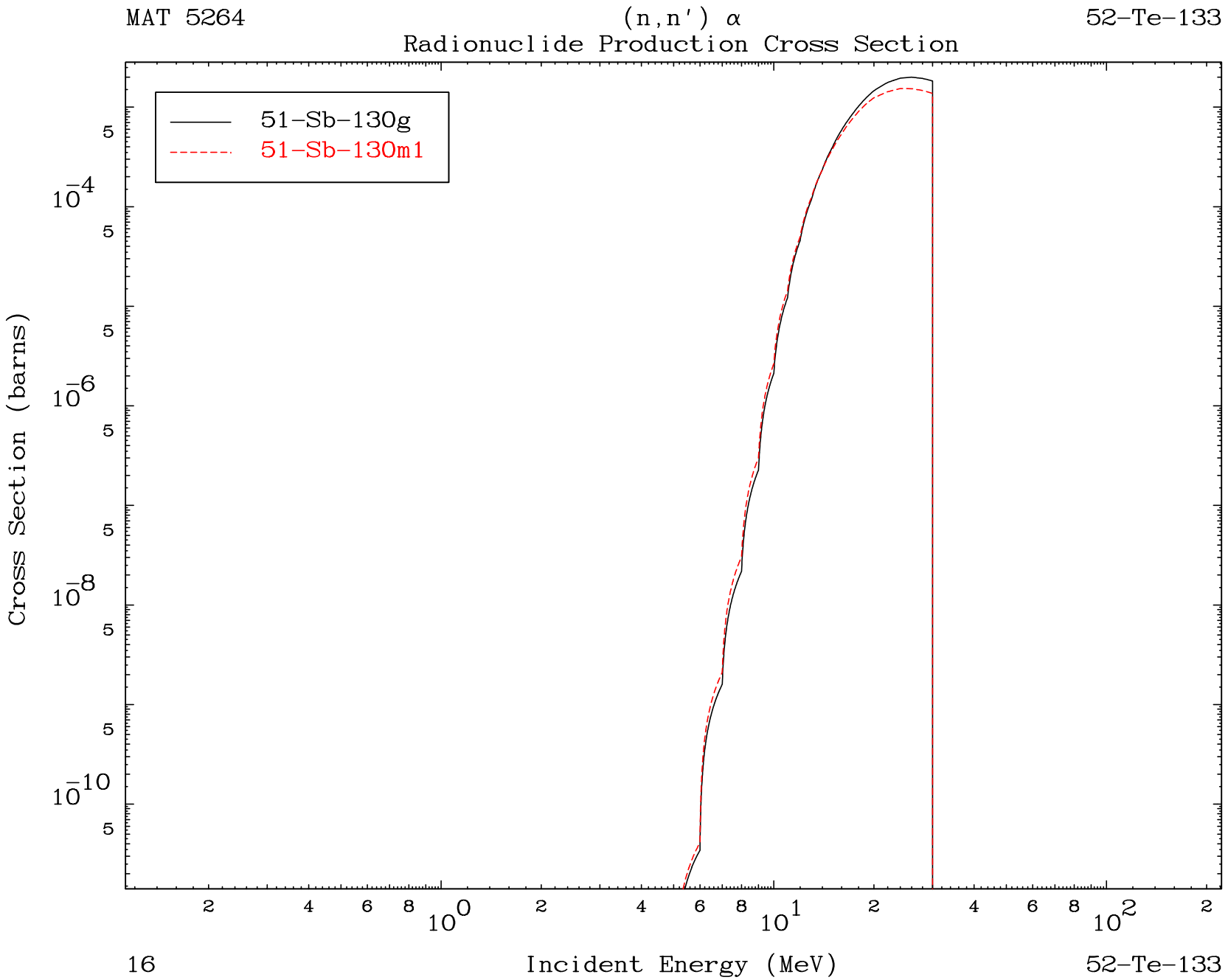


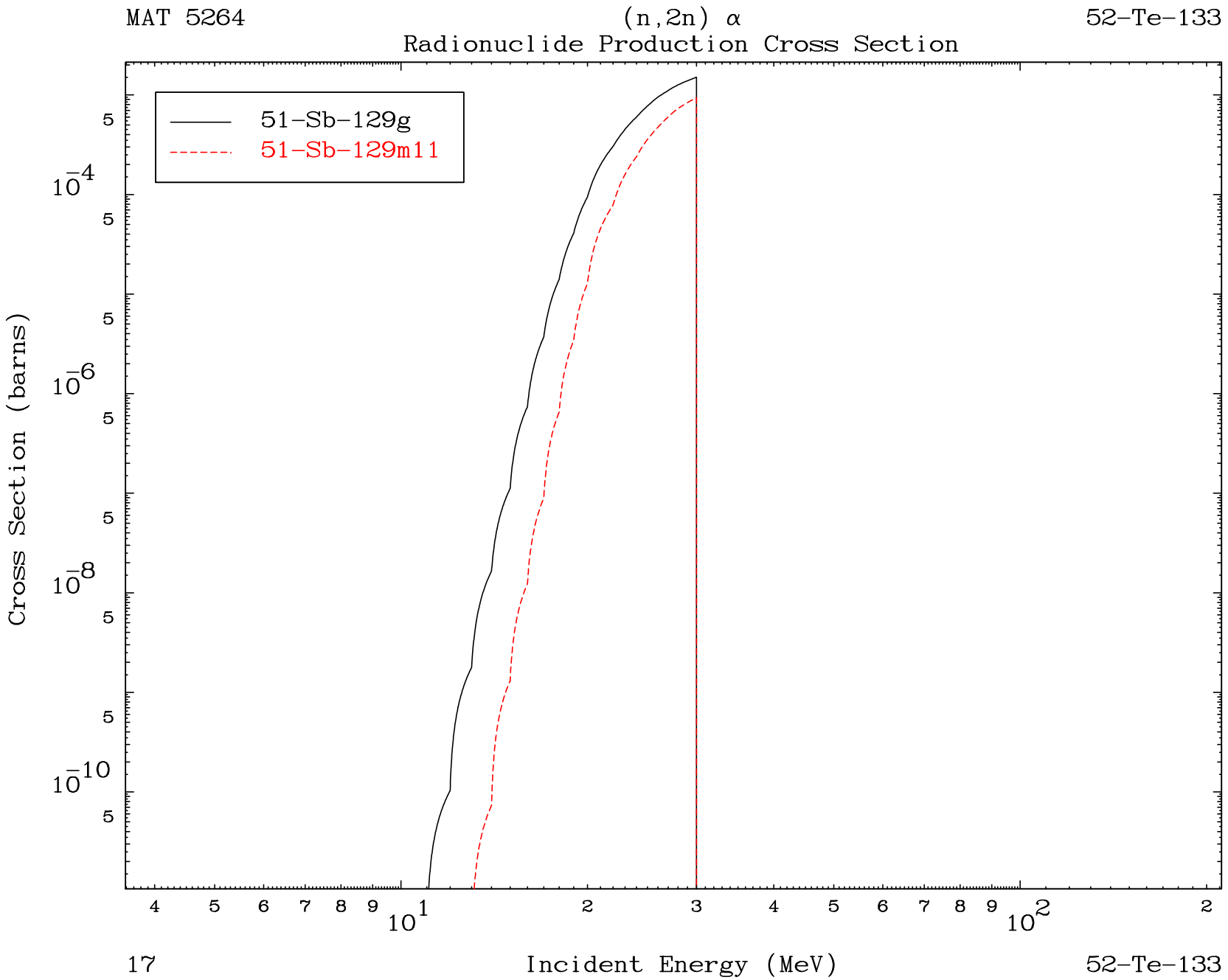

MAT 5264
Inelastic
52-Te-133
Radionuclide Production Cross Section
53-I -134g
53-I -134m5
Cross Section (barns)
Incident Energy (MeV)
12
52-Te-133

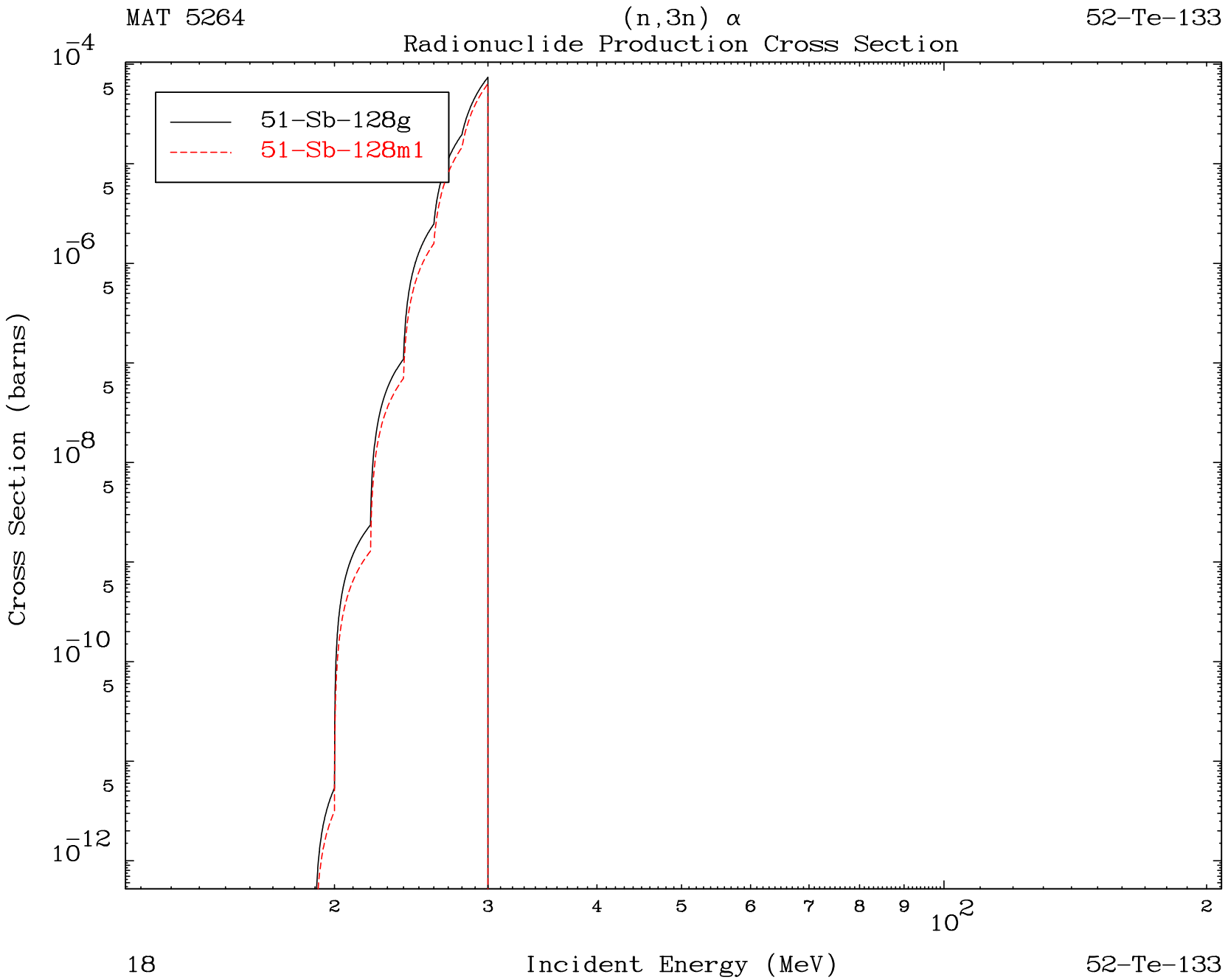

MAT 5264
(n,2n) d
52-Te-133
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
52-Te-133

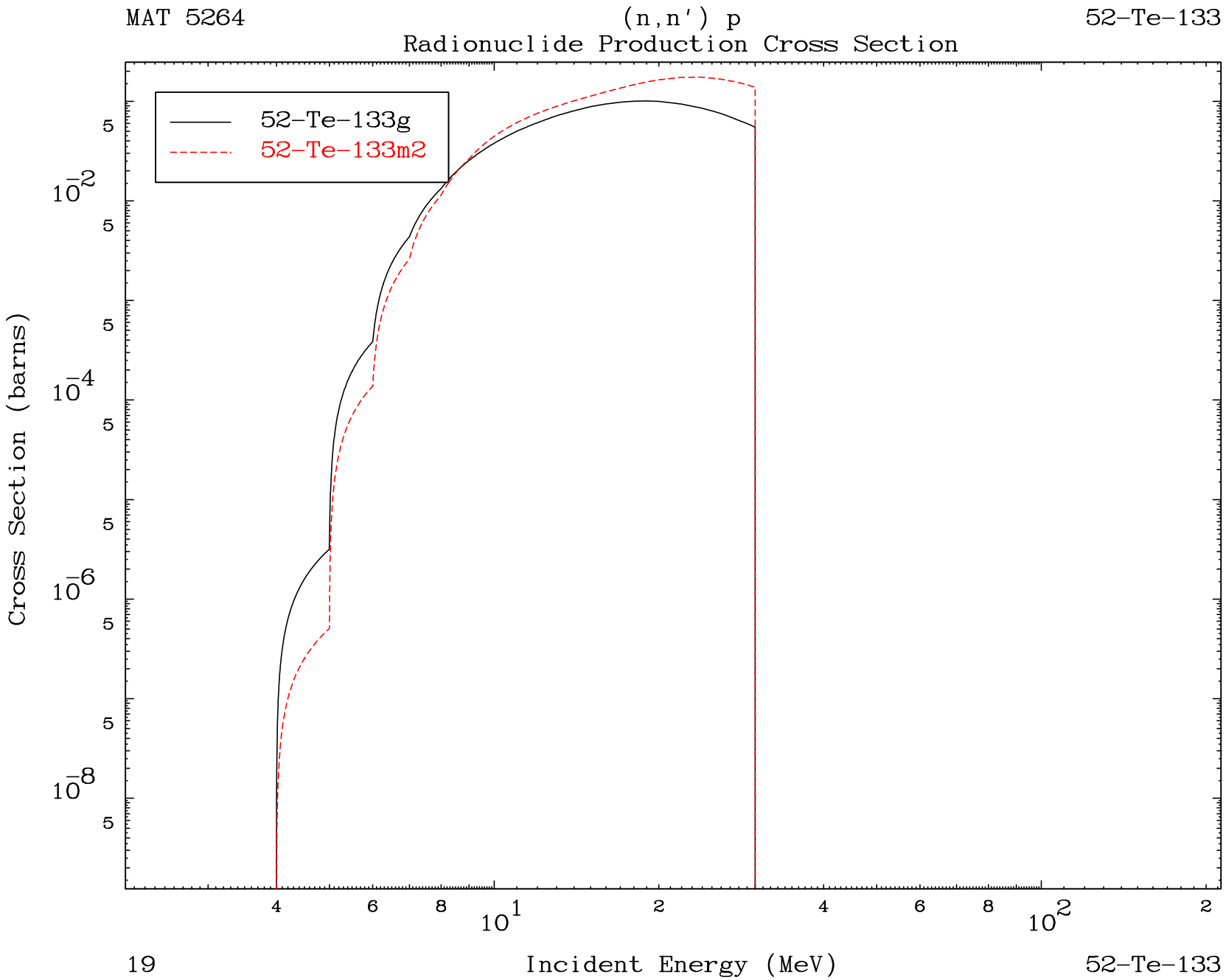

MAT 5264
(n,2n)
52-Te-133
Radionuclide Production Cross Section
53-I -133g
53-I -133m16
Cross Section (barns)
Incident Energy (MeV)
14
52-Te-133

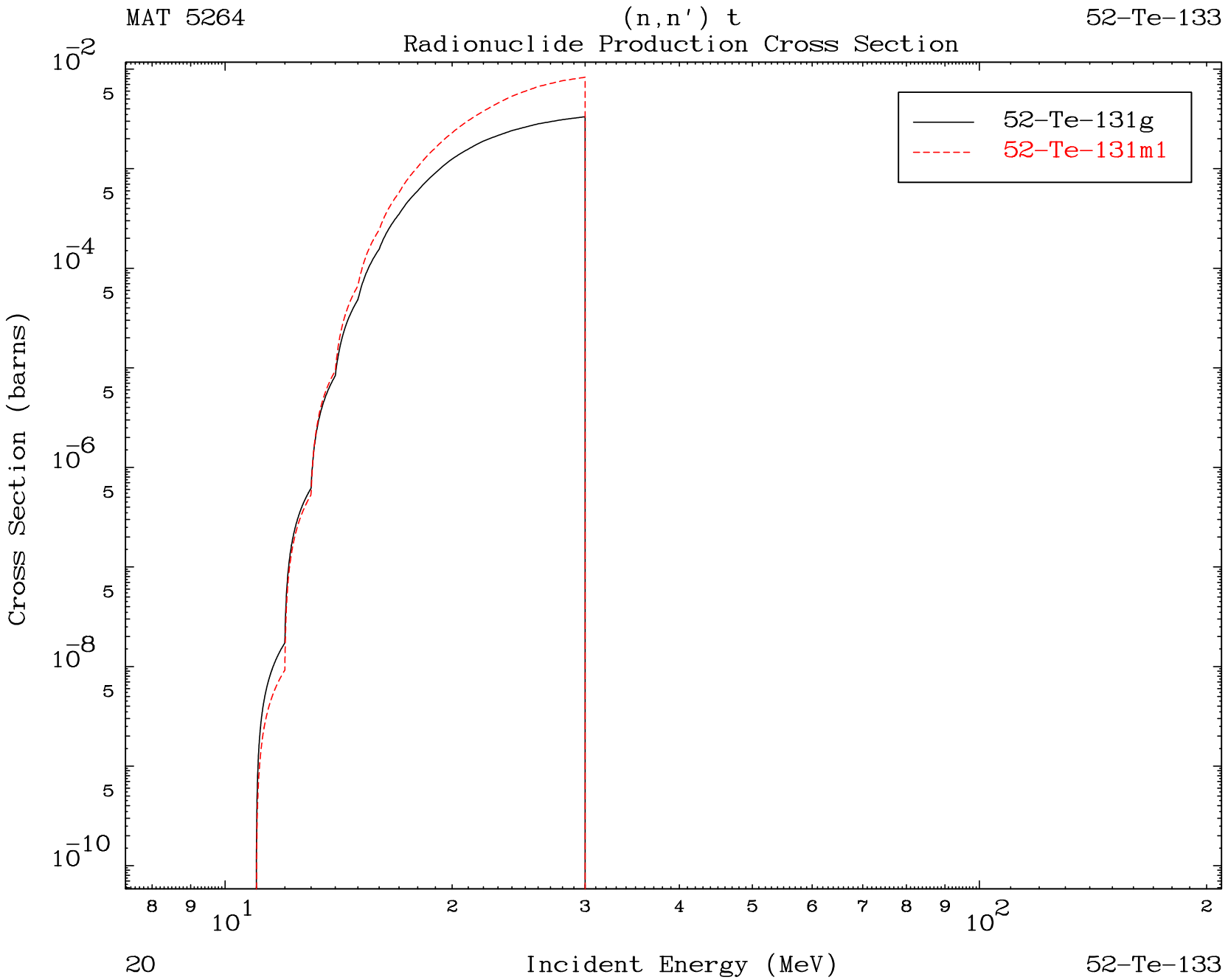

MAT 5264
(n,3n)
52-Te-133
Radionuclide Production Cross Section
53-I -132g
53-I -132m3
Cross Section (barns)
Incident Energy (MeV)
15
52-Te-133

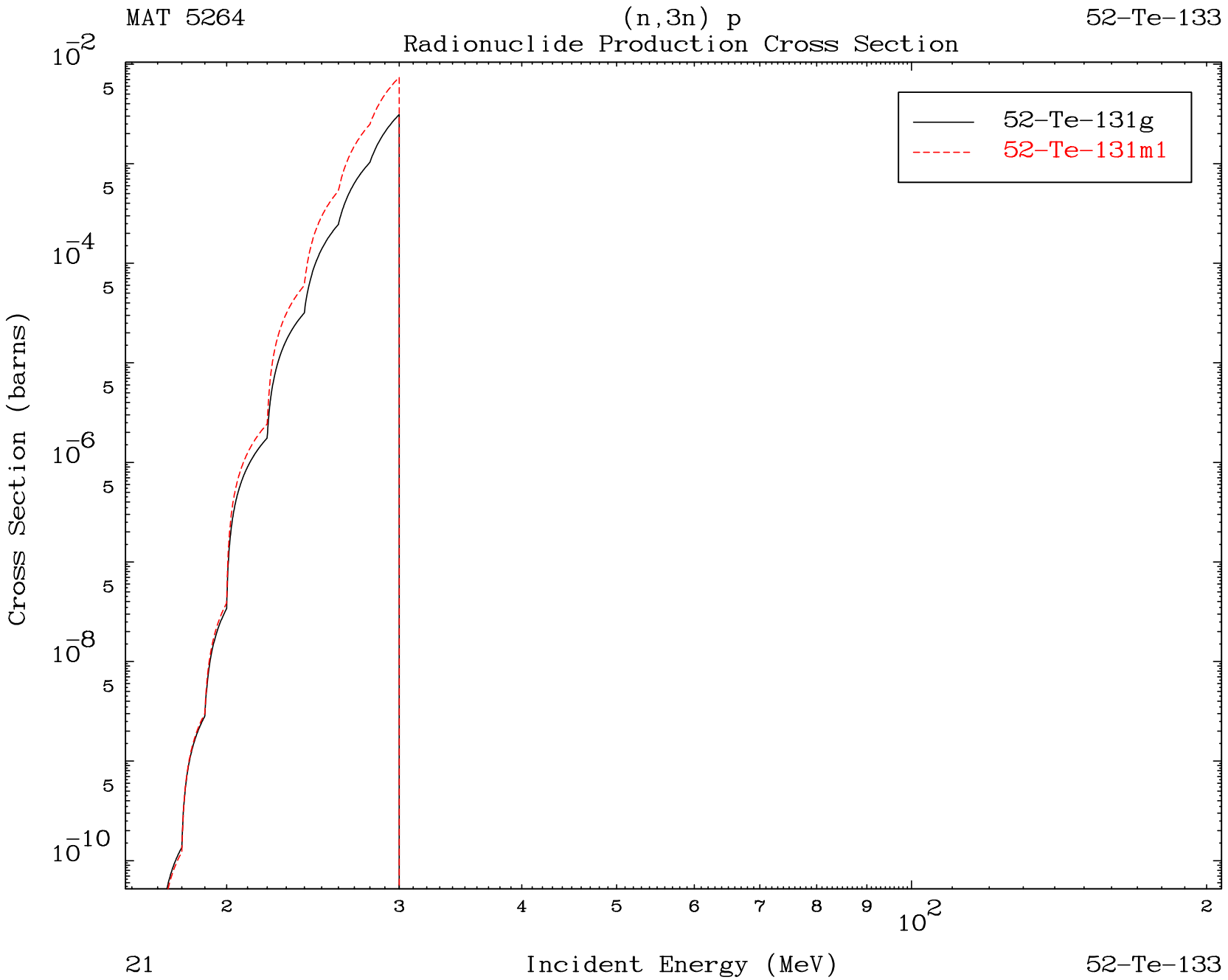

MAT 5264
(n,n') α
52-Te-133
Radionuclide Production Cross Section
51-Sb-130g
51-Sb-130m1
Cross Section (barns)
Incident Energy (MeV)
16
52-Te-133

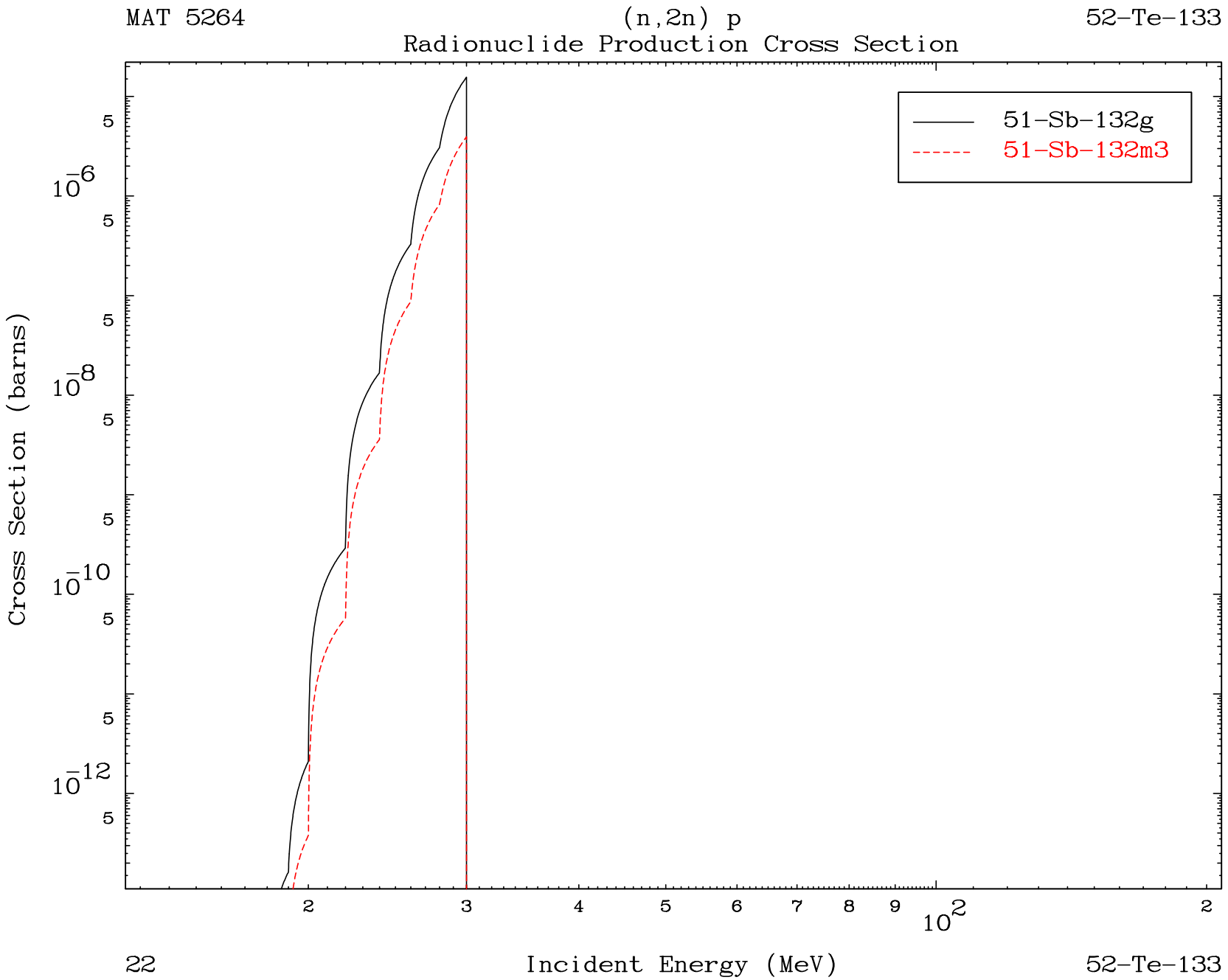

MAT 5264
(n,2n) α
52-Te-133
Radionuclide Production Cross Section
51-Sb-129g
51-Sb-129m11
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
17
52-Te-133

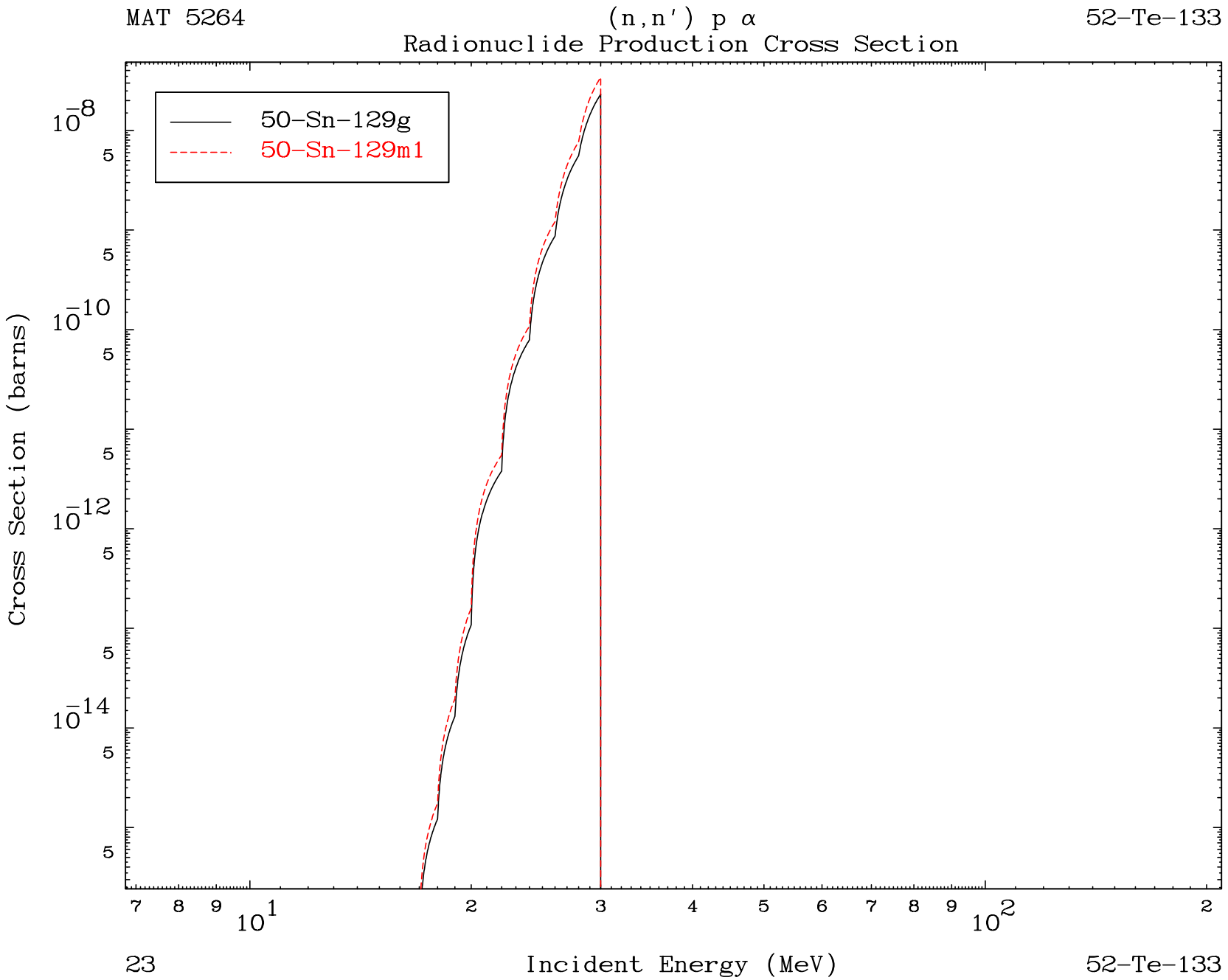

MAT 5264
(n,3n) α
52-Te-133
Radionuclide Production Cross Section
51-Sb-128g
51-Sb-128m1
Cross Section (barns)
Incident Energy (MeV)
18
52-Te-133

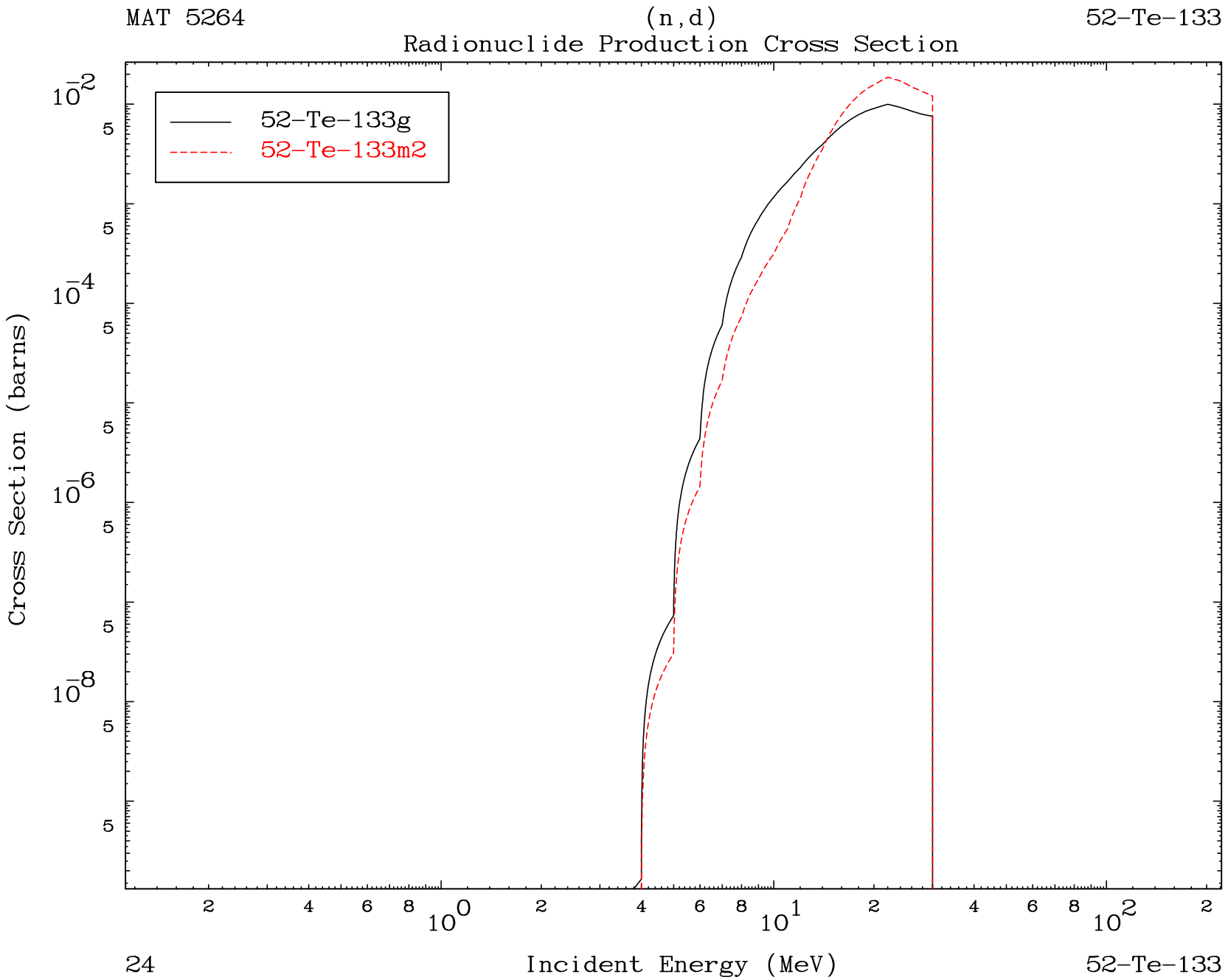

MAT 5264
(n,n') p
52-Te-133
Radionuclide Production Cross Section
52-Te-133g
52-Te-133m2
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
10 1
2
4
6
8
10 2
2
19
Incident Energy (MeV)
52-Te-133

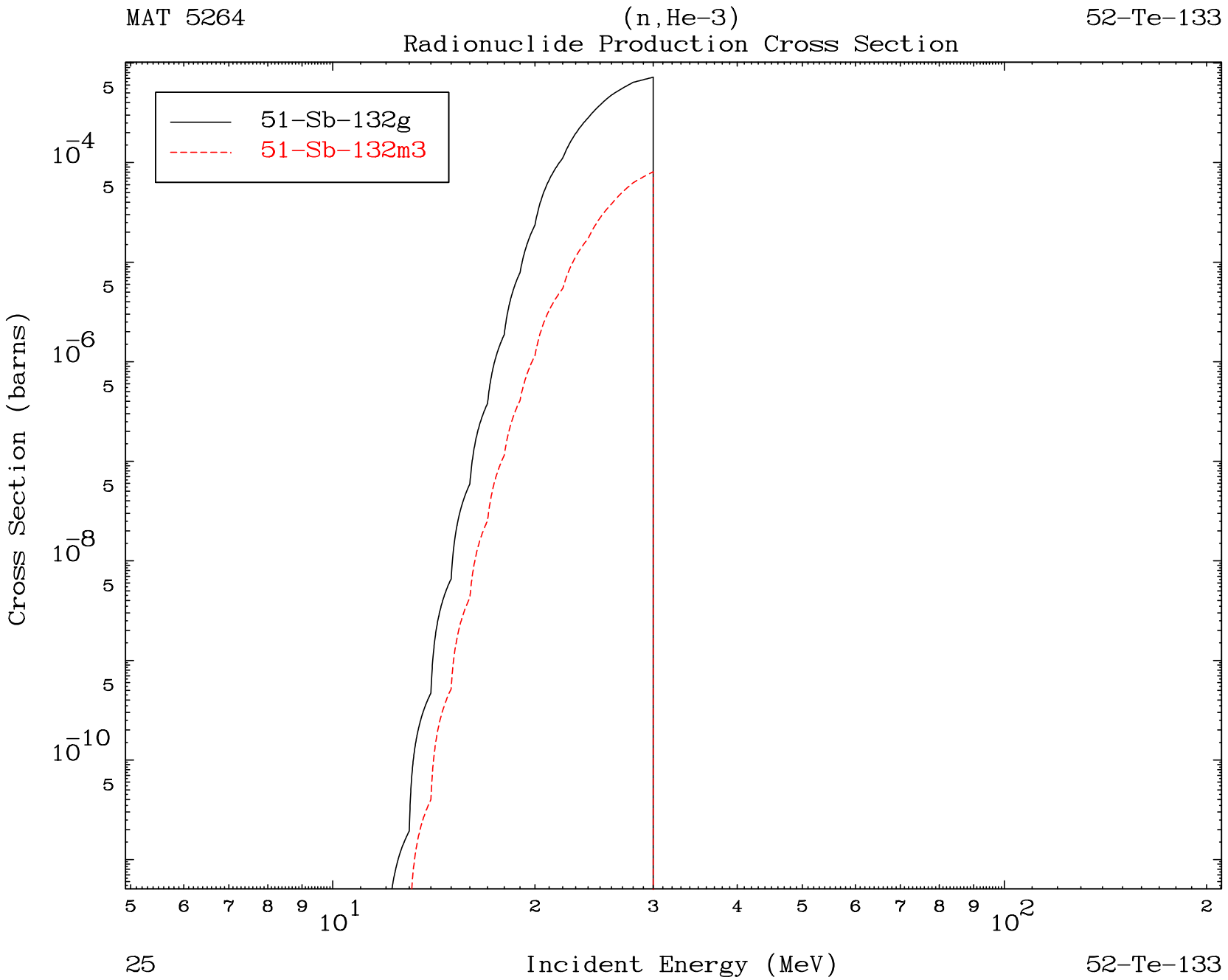

MAT 5264
(n,n') t
52-Te-133
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
Incident Energy (MeV)
20
52-Te-133

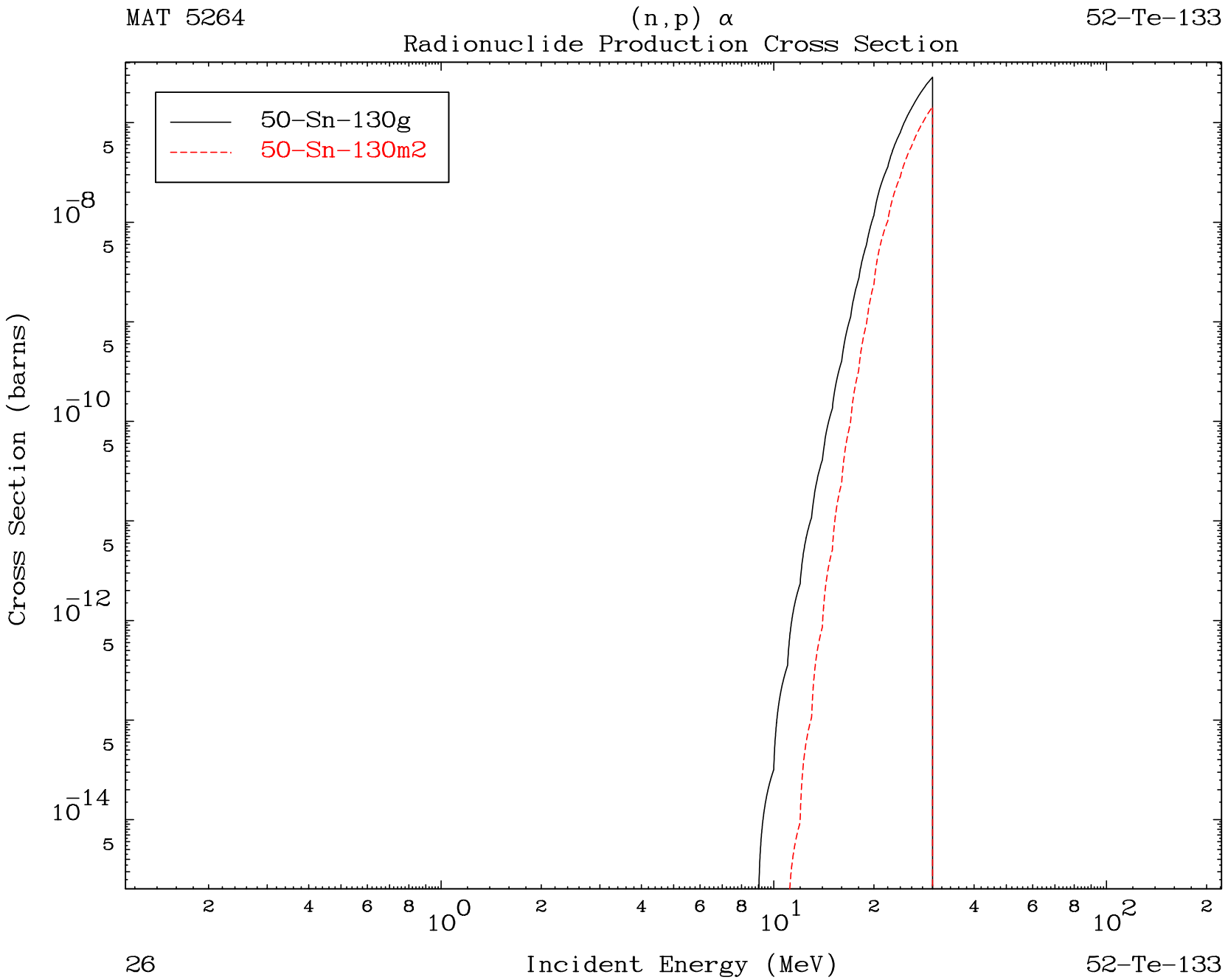

MAT 5264
(n,3n) p
52-Te-133
Radionuclide Production Cross Section
52-Te-131g
52-Te-131m1
Cross Section (barns)
Incident Energy (MeV)
21
52-Te-133

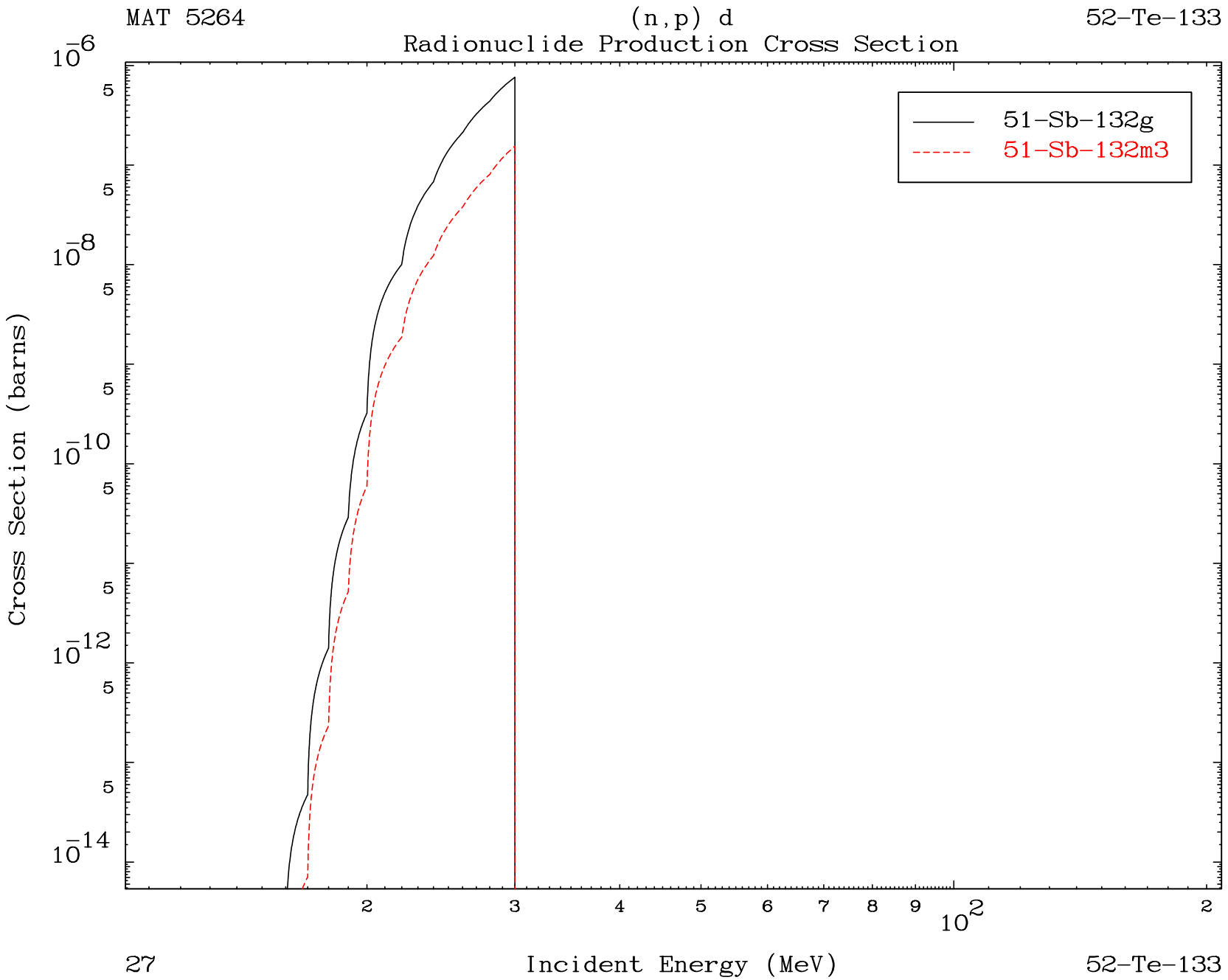

MAT 5264
(n,2n) p
52-Te-133
Radionuclide Production Cross Section
51-Sb-132g
51-Sb-132m3
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
102
2
22
Incident Energy (MeV)
52-Te-133

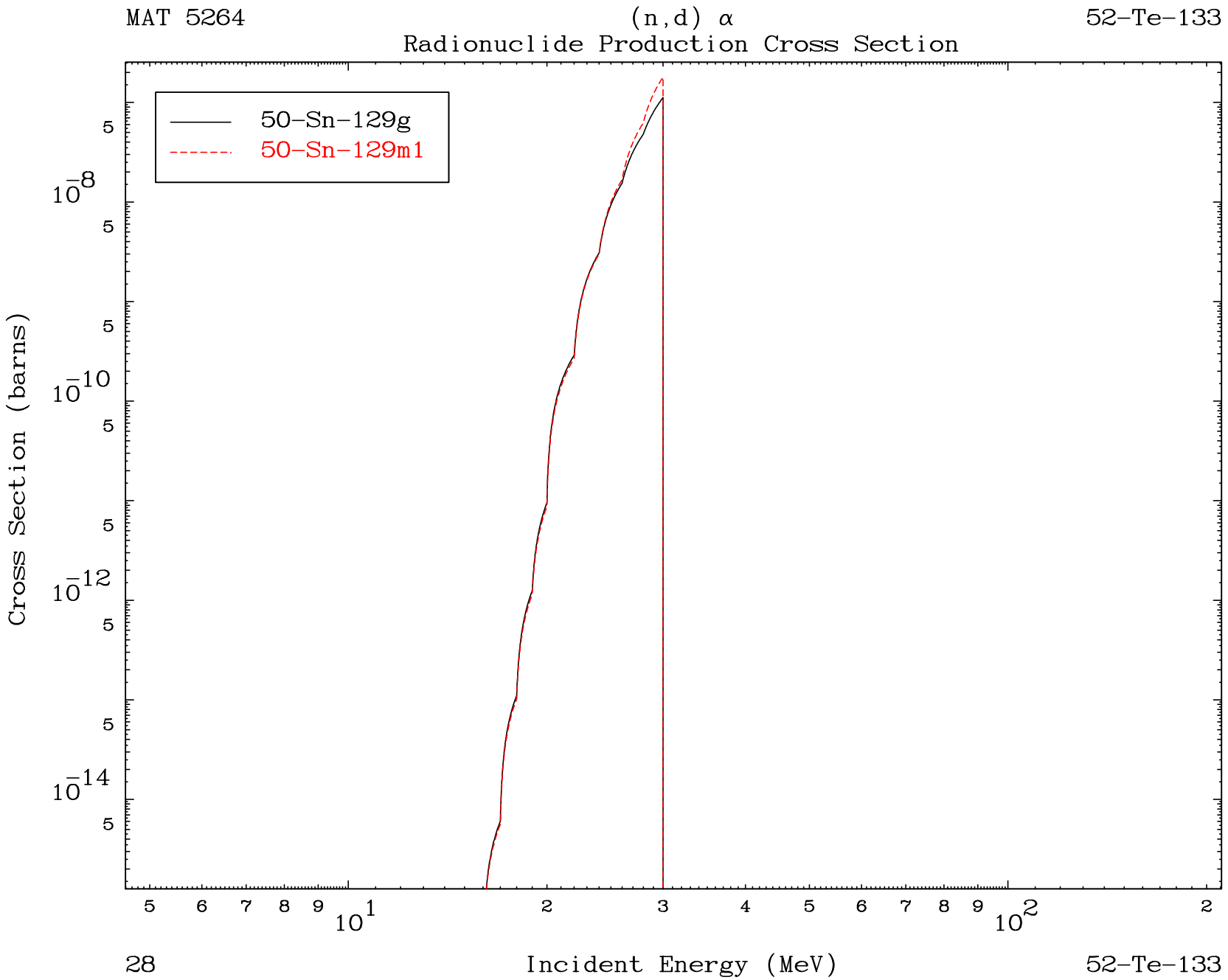

MAT 5264
(n,n') p α
52-Te-133
Radionuclide Production Cross Section
50-Sn-129g
50-Sn-129m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
23
Incident Energy (MeV)
52-Te-133


MAT 5264
(n,d)
52-Te-133
Radionuclide Production Cross Section
52-Te-133g
52-Te-133m2
Cross Section (barns)
Incident Energy (MeV)
24
52-Te-133


MAT 5264
(n,He-3)
52-Te-133
Radionuclide Production Cross Section
51-Sb-132g
51-Sb-132m3
Cross Section (barns)
Incident Energy (MeV)
25
52-Te-133


MAT 5264
(n,p) α
52-Te-133
Radionuclide Production Cross Section
50-Sn-130g
50-Sn-130m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
100
101
102
2
4
6
8
26
Incident Energy (MeV)
52-Te-133


MAT 5264
(n,p) d
52-Te-133
Radionuclide Production Cross Section
51-Sb-132g
51-Sb-132m3
Cross Section (barns)
Incident Energy (MeV)
27
52-Te-133


MAT 5264
(n,d) α
52-Te-133
Radionuclide Production Cross Section
50-Sn-129g
50-Sn-129m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
6
7
8
9
10^1
2
3
4
5
6
7
8
9
10^2
2
28
Incident Energy (MeV)
52-Te-133